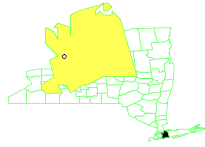


**OLD ROOSEVELT FIELD
CONTAMINATED GROUND WATER
AREA
NEW YORK
EPA ID# NYSFN0204234**



**EPA REGION 2
CONGRESSIONAL DIST. 04
Nassau County
Garden City**

**Other Names:
Old Roosevelt Airfield Hangar Site**

Site Description

The Old Roosevelt Field Contaminated Ground Water Area (ORCA) Site is located on the eastern side of Clinton Road approximately 0.6 mile south of the intersection with Old Country Road. That intersection was the northwest corner of Roosevelt Field and its predecessors, which were used for aviation activities from 1911 until May 1951. The original airfield, known as the Hempstead Plains Aerodrome, encompassed 900 to 1,000 acres east of Clinton Road and south of Old Country Road. The U.S. military began using the Hempstead Plains field before the U.S. entered World War I. On September 24, 1918, the Army changed the name of the airfield to Roosevelt Field.

In the 1920's, Roosevelt Field was split into two separate airfields. The eastern field was sold in 1936 and became a racetrack, while the western field located at the corner of Clinton and Old Country Roads continued to operate as an aviation center.

After World War II, Roosevelt Field reverted to a commercial airport until it closed in May 1951. Building construction at the site began in 1956. The Roosevelt Field Shopping Mall and Garden City Plaza currently occupy what was once Roosevelt Field.

Garden City public supply wells 10 and 11 were installed at what had been the southwestern corner of the airfield in 1952 and put into use in 1953. The population served by each well is estimated to be 3,400 people. The wells have shown the presence of tetrachloroethene (PCE) and trichloroethene (TCE) since they were first sampled in the late 1970s and early 1980s, and the concentrations have increased since then. In 1987, an air-stripping treatment system was installed at the site to remove volatile organic compounds (VOCs) from the raw water being pumped from wells 10 and 11. The treatment system was upgraded in 1999. Nassau County conducts regular well sampling and analysis.

Site Responsibility:

This site is being addressed through Federal actions.

NPL LISTING HISTORY

Proposed Date: 02/04/00

Final Date: 05/11/00

Threats and Contaminants



The Site is a contaminated ground water plume. Currently, the plume is documented by the presence of concentrations of carbon tetrachloride; 1,1-dichloroethene (1,1-DCE); tetrachloroethene (PCE); and trichloroethene (TCE) above health benchmarks in Garden City public supply wells 10 and 11. Historically, the highest levels of TCE were detected in cooling-water well N8050, formerly located approximately 2,000 feet north-northeast of the Garden City wells. Garden City wells 10 and 11 and the former cooling-water well N8050 are all located on the property that historically was Roosevelt Field. There are several potential sources of the ground water contamination, however, there is not adequate information to attribute it to a specific source or sources.

Cleanup Approach

This site is being addressed in a single long-term remedial phase focusing on cleanup of the entire site.

Response Action Status



Entire Site: EPA is developing a work plan for the performance of a remedial investigation/feasibility study (RI/FS) at the Site. EPA is conducting a search for potentially responsible parties, which may elect to execute the work plan.

Cleanup Progress



Since adding this site to the NPL, EPA has performed a review of the data collected for the Site and is coordinating with the New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH) in planning future activities. An RI/FS was initiated by EPA in the summer of 2001. Field work is expected to commence in summer 2002.

Site Repository



All documents regarding this Site are located at the USEPA Region II Records Center, 290 Broadway, 18th Floor, New York, New York, 10007-1866.